

# GRADE 6 AT-A-GLANCE

## HEALTH AND LIFE SKILLS

**Relationship Choices**

- develop personal strategies for dealing with stress/change.

**Life Learning Choices**

- expand strategies for effective personal management.

**Wellness Choices**

- evaluate the need for balance and variety in daily activities.

Air and Aerodynamics

Flight

Trees and Forests

## SCIENCE

Evidence and Investigation

Sky Science

Languages

## OPTIONAL SUBJECT AREAS

Drama

Distributed Learning

## SUPPORTS FOR LEARNING

English as a Second Language (ESL)

Special Education Needs

## ENGLISH LANGUAGE ARTS

**Communicate clearly**

- revise to provide focus and eliminate inessentials
- present with controlled voice, pacing and gestures
- write legibly, at a pace appropriate to context.

**Comprehend various kinds of texts**

- experiment with sentence patterns, imagery
- create texts with plot, setting and character
- use reference materials to verify word usage
- identify and use themes encountered in texts.

**Manage ideas and information**

- use note taking to focus ideas, topics
- use bibliographies, thesauri, electronic searches and technology in research
- establish own goals for enhancing research skills.

**Respect and support others**

- demonstrate respect by choosing appropriate language and tone
- work collaboratively to revise and enhance various texts.

**Explore thoughts and ideas**

- explore techniques in various texts
- assess personal language use to enhance language learning
- share personal responses and develop interpretations.

## MATHEMATICS

**Number Concepts and Operations**

- develop a number sense for decimals/common fractions
- explore integers
- use a calculator, and apply arithmetic operations in solving problems.

**Shape and Space**

- solve problems involving perimeter, area, surface area, volume, and angle measurement
- use visualization and symmetry to solve problems
- create patterns and designs that incorporate symmetry, tessellations, translations and reflections.

**Statistics and Probability**

- develop and implement a plan for collection, display and analysis of data gathered from appropriate samples
- use numbers to communicate the probability of single events from experiments and models.

**Patterns and Relations**

- use relationships to summarize, generalize and extend patterns
- use representations of equality and operations on equality to solve problems.

**INFORMATION AND COMMUNICATION TECHNOLOGY (ICT).** Students learn and apply ICT knowledge and skills while learning in content areas such as language arts, mathematics, science and social studies.

## PHYSICAL EDUCATION

**Benefits Health**

- explain the relationship between nutritional habits and performance in physical activity
- plan for personal positive benefits from physical activity

**Activity**

- develop and apply skills through experiences in the dimensions of:
  - Alternative Environments, Dance, Individual Activities, Types of Gymnastics

**Cooperation**

- identify leadership and followership skills used while participating in physical activity
- identify and demonstrate positive behaviours that show respect for self and others

**Do It Daily ... for Life!**

- select safe practices that promote an active, healthy lifestyle
- analyze and create different ways to achieve an activity goal that is personally challenging

## SOCIAL STUDIES

Citizens Participating in Decision Making

Historical Models of Democracy: Ancient Athens and the Iroquois Confederacy

## ART

Depiction

Reflection

Expression

Composition

## MUSIC

Melody

Harmony

Rhythm

Form

Expression

## Information for Parents

Parents can access information about the curriculum and learning resources in a number of ways:

- your child's teacher or school
- Curriculum Summaries
- Curriculum Handbooks
- Programs of Study on the Alberta Education Web site.

## How Can I Help My Child At Home?

Show interest in school activities by:

- asking questions
- helping with homework and projects
- setting aside time and a place for your child to complete homework
- reading to and with your child.

Use Alberta Education and other resources produced for parents, such as

- **The Parent Advantage**—*Tips and strategies for helping with homework in grades 1 through 9.*
- **Working Together in Mathematics Education**—*Ways parents can support student learning in mathematics.*  
[http://education.alberta.ca/media/356481/mat\\_hprbk.pdf](http://education.alberta.ca/media/356481/mat_hprbk.pdf)
- **LearnAlberta.ca Web site**—*Online multimedia learning resources that directly relate to the Alberta programs of study.*  
<http://learnalberta.ca>
- **TELUS 2Learn Web site**—*An education-business partnership that provides Internet inservice, support and mentorship for Alberta teachers.* <http://www.2learn.ca>

## Schooling in Alberta

**Curriculum** describes what students are expected to learn. Alberta Education develops the curriculum in consultation with teachers, administrators, parents, representatives from post-secondary institutions, and professional and community groups.

Teachers use the curriculum to plan learning activities that meet their students' needs and abilities. They regularly assess student progress, reporting to parents, students and administrators.

## Provincial Achievement Tests

As well as being assessed by their teachers, students write provincial achievement tests in grades 3, 6 and 9. Grade 6 students write tests in English language arts, mathematics, science and social studies. Parents can obtain information on the tests and their child's test results from their child's school.

## Languages

- |                      |             |
|----------------------|-------------|
| ➤ Blackfoot          | ➤ Italian   |
| ➤ Chinese (Mandarin) | ➤ Japanese  |
| ➤ Cree               | ➤ Punjabi   |
| ➤ French             | ➤ Spanish   |
| ➤ German             | ➤ Ukrainian |

These languages as well as others may be available at your child's school. For more information, contact the local school board.

## Where Can I Get More Information?

- The Alberta Education Web site  
<http://education.alberta.ca/>
- Arts, Communications and Citizenship  
Telephone: 780-427-2984  
Fax: 780-422-3745  
E-mail: [curric.contact@education.gov.ab.ca](mailto:curric.contact@education.gov.ab.ca)
- Digital Design and Resource Authorization  
Telephone: 780-427-2984  
Fax: 780-422-3745  
E-mail: [curric.contact@education.gov.ab.ca](mailto:curric.contact@education.gov.ab.ca)
- Distributed Learning  
Telephone: 780-674-5350  
Fax: 780-674-6561  
E-mail: [DLB.General@gov.ab.ca](mailto:DLB.General@gov.ab.ca)
- First Nations, Métis and Inuit Services  
Telephone: 780-415-9300  
Fax: 780-415-9306  
E-mail: [FNMIServices@gov.ab.ca](mailto:FNMIServices@gov.ab.ca)
- French Language Education Services  
Telephone: 780-427-2940  
Fax: 780-422-1947  
E-mail: [LSB@edc.gov.ab.ca](mailto:LSB@edc.gov.ab.ca)
- Learner Assessment  
Telephone: 780-427-0010  
Fax: 780-422-4200  
E-mail: [LAcontact@edc.gov.ab.ca](mailto:LAcontact@edc.gov.ab.ca)
- Mathematics and Science  
Telephone: 780-427-2984  
Fax: 780-422-3745  
E-mail: [curric.contact@education.gov.ab.ca](mailto:curric.contact@education.gov.ab.ca)
- Special Education Branch  
Telephone: 780-422-6326  
Fax: 780-422-2039  
E-mail: [Special.Education@gov.ab.ca](mailto:Special.Education@gov.ab.ca)

## Grade 6

## Curriculum Summary

